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SEQUENCE LISTING **IAP17 Rec'd PCT/PTO 22 DEC 2005**

&lt;110&gt; Agrinomics LLC

&lt;120&gt; GENERATION OF PLANTS WITH IMPROVED DROUGHT TOLERANCE

&lt;130&gt; 6616-72616-02

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&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

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948

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35 40 45

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His Val Pro Glu His Lys Arg Pro Asp Ala Val Val Ser Ile Cys Phe  
65 70 75 80

Glu Ala Gln Ala Arg Leu Arg Asp Pro Ile Tyr Gly Cys Val Ser His  
85 90 95

Ile Val Ser Leu Gln Gln Gln Val Val Ser Leu Gln Thr Glu Leu Ser  
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Tyr Leu Gln Ala His Leu Ala Thr Leu Glu Leu Pro Gln Pro Gln Pro  
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Phe Glu Pro Val Met Ser Ser Thr Trp Ala Met Gln Gln Gln Pro Arg  
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Met Pro Ala Gln Pro Ser Pro Gly Thr Ser Gly Ser Ala Ser Ser Val  
210 215 220

Ile Lys Arg Glu  
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